

ABSTRACT

PLATE-SHAPED WORKPIECE PROCESSING METHOD

Disclosed herein is a plate-shaped workpiece processing method for processing a plate-shaped workpiece having a division line and a metal member formed on the division line or in an area corresponding to the division line. The plate-shaped workpiece processing method includes a holding step of holding the plate-shaped workpiece on a chuck table in the condition where the metal member is exposed, a first cutting step of cutting the plate-shaped workpiece along the division line by using a first cutting blade after performing the holding step, thereby forming a first cut groove dividing the metal member, and a second cutting step of cutting the plate-shaped workpiece along the first cut groove by using a second cutting blade after performing the first cutting step, thereby forming a second cut groove fully cutting the plate-shaped workpiece. The first cutting step includes the step of supplying a cutting fluid containing an organic acid and an oxidizing agent to the plate-shaped workpiece.

(Figure 4)